

List the artists that have been a member of more than one group.

(artistID, firstName, lastName)

artistID/char	groupCode/char	fromDate/numeric	toDate/numeric
'A1'	'G1'	1970	1990
'A1'	'G2'	1991	2006
'A2'	'G1'	1970	1990
'A2'	'G1'	1992	2006
'A3'	'G1'	1971	2006
'A4'	'G2'	1995	2006
'A4'	'G5'	1997	2006
'A5'	'G2'	1995	2006
'A6'	'G3'	1985	2006
'A7'	'G3'	1985	1999
'A7'	'G3'	2000	2006
'A8'	'G4'	1985	2006
'A8'	'G1'	1991	2006
'A9'	'G4'	1990	2003
'A9'	'G1'	1980	2006
'A9'	'G2'	1998	2006
'A10'	'G4'	1990	2006
'A10'	'G6'	1998	2006
'A11'	'G5'	1980	2006

```
%select artistID and groupCode
```

```
g1(artist1, group1):= project artistID,groupCode(member);
```

```
%copy g1 into g2
```

```
g2(artist2, group2):=g1;
```

```
%all possible situations
```

```
possible:=g1 product g2;
```

```
%List the artists that have been a member of more than one group.
```

```
prepare_for_result:=select artist1 = artist2 and group1 <> group2 (possible);
```

```
prepare_artistID(artistID):=(project artist1 (prepare_for_result)) ;
```

```
result_answer5:=project artistID, firstName, lastName(prepare_artistID njoin artist);
```